

# Converting Colors

Yxy(61.0573, 0.3862, 0.3723)

Have a look what the booklet for  
Yxy(61.0573, 0.3862, 0.3723)  
contains.

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# Color

**Yxy(60.8092, 0.3863, 0.3723)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5C39B
RGB	245, 195, 155
RGB Percent	96%, 76%, 61%
CMY	0.0391, 0.2353, 0.3921
CMYK	0.00, 0.20, 0.37, 0.04
HSL	27°, 82%, 78%
HSV	27°, 37%, 96%
XYZ	63.0959, 60.8092, 39.4288
YIQ	205.3900, 42.6400, -1.8400

# Conversions

## Conversions Part 2

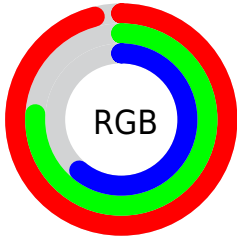
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 227, 155
Decimal	16106395
CIE Lab	82.28, 12.57, 26.89
CIE LCh	82, 29.679, 64.947
Yxy	60.8092, 0.3863, 0.3723
Android (android.graphics.Color)	4294296475 (0xFFFF5C39B)
YUV	205.3900, -24.8423, 34.7380
Hunter-Lab	77.9803, 7.9636, 24.6076

# Details

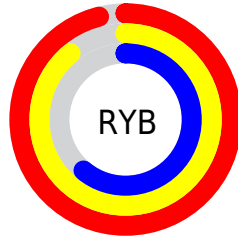
The Yxy color **60.8092, 0.3863, 0.3723** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.2514, 0.2544, 0.2809**, and the grayscale version is **61.4561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5340, 0.3398, 0.3703**, and **30.5938, 0.4054, 0.3820** is the 20% darker color. If you saturate the color by 10%, you get **54.2429, 0.4129, 0.3840**, and if you desaturate by 10%, it is **68.1050, 0.3625, 0.3601**.

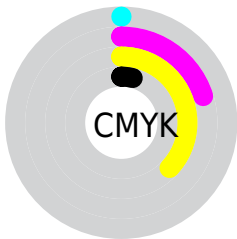
# Distribution



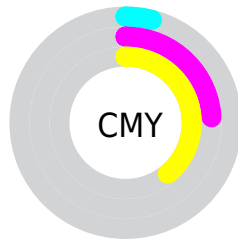
- Red (96%)
- Green (76%)
- Blue (61%)



- Red (96%)
- Yellow (89%)
- Blue (61%)



- Cyan (0%)
- Magenta (20%)
- Yellow (37%)
- Black (4%)




- Cyan (4%)
- Magenta (24%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8092, 0.3863, 0.3723 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 60.8092, 0.3863, 0.3723 by changing the saturation by 10% instead.



 60.8092, 0.3863,  
0.3723

 60.8092, 0.3863,  
0.3723

427.5741, 0.3510,  
0.3527

 44.0712, 0.3946,  
0.3766

 106.0026, 0.3739,  
0.3656

 30.7265, 0.4049,  
0.3817


 135.2268, 0.3691,  
0.3630

 20.3907, 0.4180,  
0.3879


169.3819, 0.3650,  
0.3607

 12.6793, 0.4353,  
0.3955

208.8523, 0.3614,  
0.3587

 7.2081, 0.4586,  
0.4047

254.0222, 0.3584,  
0.3569

 3.5926, 0.4918,  
0.4151


305.2763, 0.3556,

 1.4484, 0.5606,


0.3554


0.4394


362.9988, 0.3532,  
0.3540


 0.2520, 0.6844,  
0.3156


 0.0000, 0.0000,  
0.0000


 60.8092, 0.3863,  
0.3723

 60.8092, 0.3863,  
0.3723


 54.2429, 0.4129,  
0.3840


 68.1050, 0.3625,  
0.3601


 48.3726, 0.4419,  
0.3942

 76.1453, 0.3416,  
0.3480

 43.1744, 0.4722,  
0.4017

 84.9553, 0.3235,  
0.3364

 38.6194, 0.5023,  
0.4053

 94.5563, 0.3079,  
0.3255

■ 34.6756, 0.5299,  
0.4038

■ 98.1575, 0.3066,  
0.3290

■ 31.3062, 0.5530,  
0.3967

■ 30.3176, 0.5599,  
0.3937

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.8092, 0.3853, 0.3429



60.8092, 0.3863, 0.3723



60.8092, 0.3666, 0.3928

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.8092, 0.3863, 0.3723



60.8092, 0.2634, 0.3444



60.8092, 0.2892, 0.2704

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60.8092, 0.3863, 0.3723



57.2514, 0.2544, 0.2809

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.8092, 0.2593, 0.2680



60.8092, 0.3863, 0.3723



60.8092, 0.2452, 0.3080

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.8092, 0.3863, 0.3723



60.8092, 0.2952, 0.3781



60.8092, 0.2438, 0.2807



60.8092, 0.3273, 0.2863



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.8092, 0.3863, 0.3723



60.8092, 0.3452, 0.3973



60.8092, 0.2438, 0.2807



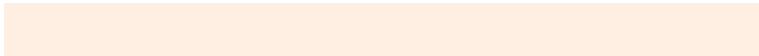
60.8092, 0.2780, 0.2680

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.8121, 0.3863, 0.3723



88.7755, 0.3310, 0.3413



47.3231, 0.3515, 0.2748



18.7210, 0.3334, 0.3429



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

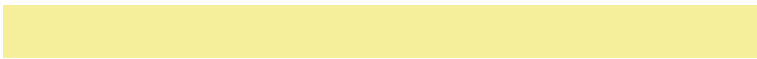
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.8121, 0.3863, 0.3723



61.2145, 0.4056, 0.3810



83.5335, 0.3701, 0.4152



17.6940, 0.3282, 0.3395



16.5949, 0.5571, 0.3959

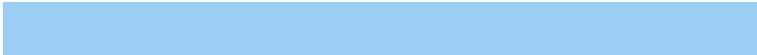


1.6601, 0.5356, 0.4129

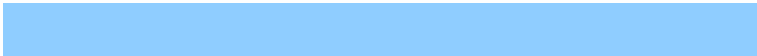


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.2514, 0.2544, 0.2809



56.7849, 0.2429, 0.2693



39.0603, 0.2464, 0.2251



17.4545, 0.2980, 0.3182



13.3466, 0.1824, 0.1768

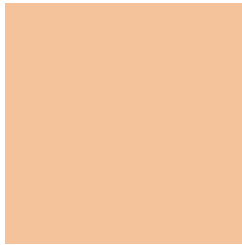


1.3779, 0.1882, 0.1975



# Previews

## White Background



This preview shows how the Yxy color 60.8092, 0.3863, 0.3723 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.8092, 0.3863, 0.3723 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

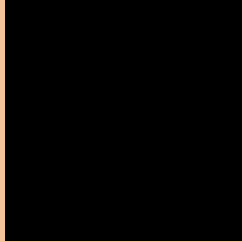
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.8092, 0.3863, 0.3723**

## Background



This preview shows how black text looks on a background with the Yxy color 60.8092, 0.3863, 0.3723.



This preview shows how white text looks on a background with the Yxy color 60.8092, 0.3863, 0.3723.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

60.8092, 0.3863, 0.3723

### Protanopia

61.0713, 0.3570, 0.3825

### Deuteranopia

60.9998, 0.3821, 0.3750



## Tritanopia

60.6022, 0.3526, 0.3134

# Trichromacy



**Original Color**

60.8092, 0.3863, 0.3723

**Protanomaly**

60.7359, 0.3674, 0.3778

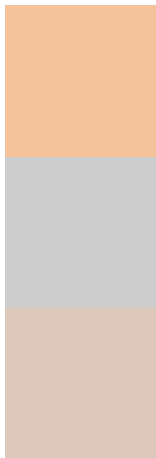
**Deuteranomaly**

60.7237, 0.3834, 0.3738

**Tritanomaly**

60.7632, 0.3644, 0.3345

# Monochromacy



**Original Color**

60.8092, 0.3863, 0.3723

**Achromatopsia**

61.0496, 0.3127, 0.3290

**Achromatomaly**

60.5768, 0.3383, 0.3451

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.8092, 0.3863, 0.3723 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 195, 155)` looks like.

```
.text, #text, p{  
    color:rgb(245, 195, 155)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 195, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 195, 155) }
```

## Border

The CSS property to change the border of an element to Yxy 60.8092, 0.3863, 0.3723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 195, 155) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(245, 195, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(245, 195, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 195, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 195, 155);  
box-shadow:4px 4px 4px 4px rgb(245, 195,  
155) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.8092, 0.3863, 0.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 195, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
195, 155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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